

FORM NO. 51.61
MAY 1948

50X1-HUM

NOXLOFAX 29

REPORT

CD NO.

COUNTRY	USSR
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DATE DISTR. 3 October 1952
50X1-HUM

SUBJECT Electrical Machinery Industry in USSR

NO. OF PAGES 12

PLACE
ACQUIRED

DATE OF
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INFO

NO. OF ENCLS. 2

(LISTED BELOW)

Appendix No. 1 (4)

Appendix No. 2 (7)

SUPPLEMENT TO REPORT NO. 50X1-HUM

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MINISTRY OF ELECTRICAL INDUSTRY.

1. Address:

7 KITAIISKI PROEZO, MOSCOW.

2. Minister:

D.V. EFREMOV who succeeded KARANOV in 1951.

3. Deputy Ministers:

ALEKSHENKO, PEKSHEV, POZNYAROV, TSVETOPALOV, PADIN, KHRUNIN and
 OBERNIZHIKIN.

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4. Organisation:

The Ministry controls:

- a) Chief Directorates (GLAVNOE UPRAVLENIE)
- b) Departments (OTDEL)
- c) Factories (numbered and unnumbered)
- d) Scientific research institutions
- e) Educational establishments
- f) A Technical Council

5. Chief Directorates:

These number ten and are as follows:-

- a) GLAVKABEL (GLAVNOE UPRAVLENIE KABELNOI PROMYSHLENNOSTI =
 Chief Directorate of the Cable Industry) Address: as for
 Ministry (Para.1 above).

In 1948 EREMENKO was its head.

This C.D. controls all factories producing cables and accessories,
 e.g. Factories Nos. 198, 631, 680, 681, 683, 684, 691, 694;
 'MOSKABEL', 'UKRKABEL', and the BREVAN, KUIBYSHV, TASHKENT, TOMSK,
 KHARKOV etc. cable factories.

- b) GLAVELEKTROMASHINROM (G.U. ELEKTROMASHINNOI PROMYSHLENNOSTI =
 C.D. of the Electrical Machine Industry). Address: as for Ministry.

In 1948 PEKSHEV was its head and in 1949 TABACHNIK was its chief
 engineer.

This C.D. controls all factories producing electric machines,
 e.g. Nos. 654 and 654, BREVAN Electric Machine Works, KHARKOV
 Electric Machine Works (KHEMZ), 'ELEKTROISKRA', MOSCOW Transformer
 Works, Automatic Electrical Machine Works at ULYANOVSK, etc.

- c) GLAVELEKTROIZOLYATORROM (C.D. of the Electric Insulation
 Industry) Address: as for the Ministry. Controls a group of
 factories producing insulating materials etc., e.g. Nos. 561 and 717,
 KUIBYSHV Insulation Materials Factory, 'IZOLYATOR', etc.

- d) GLAVELEKTROTRANSMASH (C.D. of Electric Transport Machine-
 building). Address: as for the Ministry.

Controls factories with the appropriate production such as
 Factory i/n BUDENNY at NOVOCHERKASSK.

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- e) GLAVELEKTROTOCH-PRIBOR (C.D. for production of precision Electric Measuring Instruments. Address: as for the Ministry. Controls factories with the appropriate production such as the 'TOCH-ELEKTROPRIBOR' factory at KIEV, etc.
- f) GLAVELEKTROAPPARAT (C.D. of Electrical Apparatus). Address: as for the Ministry. Head in 1948: ASTAFIEV. Controls factories producing electrical apparatus such as: MOSCOW Low-tension Equipment Factory, MOSCOW X-Ray Equipment Factory, etc.
- g) GLAVURS (G.U. RABOCHAGO SNAKZHENIYA = C.D. of Workers' Supply). Address: 6 SADOVAYA-CHERNORYAZSKAYA ULITSA, MOSCOW. Supplies necessities (food, special clothing etc) for workers of all the Ministry's undertakings.
- h) GLAVELEKTROPROMSAB (G.U. PROMYSHLENNOGO SNAKZHENIYA = C.D. of Supplies). Address: as for the Ministry. Head in 1948: KORYNIN. Supplies all factories of the Ministry with the materials necessary for production. Has its own offices (KONTORA) in various large towns in order to facilitate liaison with the factories, e.g. at SVYDLOVSK (Head of office is LURIE) in TASHKENT (Head: GNEZDOVSKI), in TIRLISI (Head: KOVSHOV) etc.
- i) GLAVELEKTROSBYT (C.D. of Sales). Address: 13/15 VETOSHNY FARMBUK, MOSCOW. Head in 1948: MOEV. This C.D. also has offices in various centres, e.g. TASHKENT (Manager: YABLOCHKIN) SVYDLOVSK (Manager: MIKHAILOV) etc.
- j) GULZ (G.U. UCHEBNYMI ZAVEDENIYAMI = C.D. of Educational Establishments). Address: as for the Ministry. This C.D. controls all the educational establishments of the Ministry.

Note:- The subordination of some of the factories listed in Appendix No.2 to definite C.Ds. has been firmly established. As regards the rest of the factories their subordination to this or that C.D. has been determined on the basis of their production and should be regarded as conjectural.

6. Departments:

The following Departments of the Ministry are known

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- a) Planning Dept.
- b) War Mobilisation Dept. Head: KOLESNIKOV (1948)
- c) Cadres Dept.
- d) Co-operation Dept.

The functions of these departments are indicated by their titles.

7. Factories:

- a) A list of factories whose subordination to the Ministry of Electrical Industry is considered by us to have been established is contained in Appendix No.2.
- b) Besides the factories listed in Appendix No.2 we possess information on about 50 more factories which produce electric machines and equipment, transformers, cables etc. An unknown number of these factories in all probability also belong to the Ministry of Electrical Industry, e.g.

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- i) Electro-technical Works at GOMEL.
- ii) Electro-technical Works at YEREVAN directed by KHUBIARYAN and producing 'I-10/4' and 'I-11/4' electric motors and several types of generators. Several of the works' designers were awarded Stalin Prizes.
- iii) Electro-technical Works at KHARKOV directed by GLADKIN and producing electric units for travelling excavators, electric motors, electric engines etc.
- iv) Transformer factory at ZAPOROZHIE directed by TREGUBOV. This new factory on the right bank of the river DNEPR was under construction in 1948 and was to be one of the largest factories in EUROPE. It was to produce very large transformers (380,000 volts).
- v) Cable Works at MAGNITOGORSK.
- vi) Automatic Electrical Machinery Works at ULYANOVSK.
- vii) Electrical Machinery Works at Leningrad.
- viii) Electric Fittings Factory at Leningrad.
- ix) Electric Insulating Equipment Factory at LVOV.

None of these factories are listed in Appendix No.2 as their subordination to the Ministry of the Electrical Industry has not been sufficiently firmly established.

8. Scientific Research Institutes:

The following are known to us:

- a) Order of Lenin All-Union Electro-technical Institute i/n LENIN (VEI) at 12 KRASNOKAZARMENNAYA ULITSA, MOSCOW.
- b) All-Union Institute of Electric Instrument Construction, Leningrad.
- c) State Institute for Power Industry Planning (GIPROENERGOPROM). Head: RUBINSHTEIN. Address: 9 BOLSHOI SAVITSKI PEREULOK, MOSCOW.
- d) Accumulator Scientific Research Institute, Leningrad. (Its subordination to the Ministry of the Electrical Industry requires confirmation). Director: FEDOROV.
- e) Scientific Research Institute No.504 (NII-504)
- f) " " " No.627 (NII-627)
- g) " " " No.695 (NII-695)

The locations of e), f) and g) are not known.

Note:- A certain number of Scientific Research Institutes of the Ministry of the Electrical Industry were transferred to the Ministry of Communications Equipment Industry when the latter was formed in June 1946, e.g. NII-20 in MOSCOW, NII-34 in Leningrad, etc.

Of Scientific Research Institutions engaged in electric problems and not subordinate to the M.E.P. the following:-

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a) Power Institute i/n KHRUZHAVNOVSKI (KHIN) 19 BOLSHAYA KAZENNAYA ULITSA, MOSCOW, subordinate to the Academy of Sciences of U.S.S.R.

b) Electro-technical Institute of the Academy of Sciences of Ukrainian SSR. Director: LEBEDYEV.

There are also several associations and societies not belonging to M.E.P. but studying various questions concerned with electricity and power e.g. All-Union Electrical Association (VEO) and All-Union

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Scientific Engineering and Technical Society of Power (VNIIEP). This society has its own branches in various industrial [] of U.S.S.R. and in each case usually changes its title according to the location; e.g. its branch in ROSTOV is called ROSTOV (RO = ROSTOVSKOYE OTELENIYE = ROSTOV Branch).

9. Educational Establishments:

Educational establishments of the M.E.P. exist in most of the large towns of U.S.S.R.

In MOSCOW there are the Order of Lenin MOSCOW Power Technical School i/n V.M. MOLOTOV (MEI), located at 14 KRASNO-KAZARMENNAYA ULITSA, and the MOSCOW Electromechanical Technical School, located at 13 BORIEVSKI PROEED. Besides these two establishments of the MEI there are in MOSCOW three electro-mechanical technical schools and one power technical school which do not belong to the MEI.

a) MOSCOW Electromechanical Technical School of the Town Council, 11a POKOLOKOLNY PEREULOK.

b) MOSCOW Electromechanical Technical School i/n L.B. KRASIN, 13 BOLSHAYA GRUZINSKAYA ULITSA (subordination not established).

c) MOSCOW Electromechanical Technical School, 13 VOLKOVSKI PEREULOK, belonging to the Ministry of the Shipbuilding Industry of U.S.S.R.

d) MOSCOW Power Technical School, 11 KROPOTKINSKAYA NABEREZHINAYA (subordination not established).

In Leningrad the MEI has the Electro-technical Institute i/n V.I. ULYANOV, POPOVA ULITSA. There are also electro-technical institutes at KHARKOV, ROSTOV, TOMSK, NOVOSIBIRSK and in many other large towns.

10. Technical Council:

In 1945 there existed a Technical Council of the MEI. Its scientific secretary was SHAPIRO.

This Council had the following sections:

a) Electric Machines, Head: YAKLINSKI.

b) Electric Transmission, Automatic Machines and Electric Traction. Head: VARSHAVSKI.

c) High-tension Technics and Transformer Construction. Head: BUTKEVICH.

d) Low-tension and Relay Equipment and Instrument Construction. Head: CHERNICHKIN.

e) Electric Insulation. Head: KALITVYANSKI.

f) Cable Technics. Head: KLIRANOV.

g) Technology. Head: RUBINSHTEIN.

exist.

[] no evidence that the Technical Council has ceased to

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Factories	Location	Control	Personalities	Production
No.692 "ELEKTROTEKH- NICHESKI ZAVOD"	AKTYUBINSK		Director: MALOLETKOV 2.3.46.K.Pr.	X-Ray equipment.
No.575	ASBEST (SVERDLOVSK. OBL.)			Accumulators.
No.378	ASHA-(CHELYABINSK OBL) Station VAVILOVO		Dir.KAZANSKI Ex-Dir.ANTONOV. 10.12.46.	
ELEKTROMEKHANI- CHESKI i/n "KALININ"	BAKU-KISHLY		Dir.N.NESRULAEV. 11.7.51. K.AR.	Transformers
No.654 - sometimes described as ELEKTROAPPARATNY	CHEBOKSARY (CHUVASH Republic)	GLAVELEKTRO- APPARAT.	Dir. BENSKI -1942	Electrical equipment.
"ELEKTROSHCHIT"	CHIRCHIK (TASHKENT OBL.)		Dir.V.GRIGORIEV 9.2.52. P.V.	Transformers
No.447 - now described as ("ELEKTROMASH- INOSTROITELNY")	EREVAN (STALINSKI RAION)		Dir.CHOLAKHYAN 4.1.52. K.A.	- d i t t o -
KABELNY ZAVOD	EREVAN (STALIN RAION)	GLAVKABEL	Dir.M.TIGRAGYAN 27.7.50. K.A.	Cables
No.681 - now described as (KABELNY ZAVOD)	KOLCHUGINO (VLADIMIROVSK OBL) Station PEKSHA.	-ditto-	Deputy Dir. FRUMKIN.	- d i t t o -
i/n "STALIN" ("ELEKTROMEKHANI- CHESKI ZAVOD") "KHEMZ"	KHARKOV-(KRASNOZAVODSK RAION)		Dir.N.VERBA (Tr.23.9.51) Ex Dir.N.SHEVCHENKO 4.11.49. Pr.Ukr.	Electric motors (Details available)
"TEPLOVOGO ELEKTRO- OBORUDOVANIYA" Thermal Electrical equipment.	KHARKOV		Dir.FEDOTOV ?	
KABELNY ZAVOD	KHARKOV			
"ELEKTROIZMERITELNOI APPARATURY"	KIEV			Terminals
"ELEKTROTEKHNIЧЕСКОИ APPARATURY"	KIEV			
"TOCHELEKTROPRIBOR"	KIEV (OKTYABRSK RAION)		Dir.S.G.VOLIK 21.12.51.L.Pr.	Measuring devices and instruments.
"UKRAKABEL"	KIEV(MOLOTOVSK RAION.)		Dir.L.GRABIN	Cables.
No.685	KRASNODAR			

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No.684

KRASNOKAMSK/MOT OBLASTY

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Factories	Location	Control	Personalities	Production
No.693-KABELNY ZAVOD	KUIBYSHEV		Dir.KUTSEVOL	Cables
ELEKTROIZOLYA-TSIONNYKH MATERIALOV	KUIBYSHEV			
No.10 "ELEKTRODELO"	LENINGRAD	"GLAVELEKTROINSTRUMENT"	Dir.KUDINOV 15.9.50. L.Pr.	High tension Inductors. (Details available)
No.436 ?	LENINGRAD			
No.531 probably "MONETNY DVOR"	LENINGRAD	GLAVELEKTROPRIBOR ?	Dir.A.M.DAMSKI 3.6.48. Pr.	Oscillographs (see "MONETNY DVOR")
No.619 ?	LENINGRAD			
"ELEKTRIK"	LENINGRAD (PETROGRAD-SKI RAION.) 58 UL.AKADEMIKA PAVLOVA.		Dir.L.A.BOLOTNIKOV, who previously was here as Chief Engineer 13.10.51. L.Pr. Ex-Dir.E.S.IZMOZIK 14.12.47-12.5.49. L.Pr.	Welding machines and accessories. (Details available)
"ELEKTROAPPARAT"	LENINGRAD (SVERDLOVSK RAION.)	GLAVELEKTROAPPARAT	Dir.FILATOV 25.7.50-6.4.51.L.Pr.	Several types of Electrical equipment (Details available)
"ELEKTROSILA" i/n KIROV.	LENINGRAD (MOSKOVSKI RAION.) PROSPECT STALINA.		Dir.SHEVCHENKO 13.6.50-24.2.52.L.Pr. Ex-Dir.G.Ya. MUKHIN 23.11.49. L.Pr.	Turbo-generators.(Details available)
IZMERITELNYKH PRIBOROV	LENINGRAD	GLAVELEKTROPRIBOR ?		
"MONETNY DVOR" (See Factory No.531)	LENINGRAD	- d i t t o -	Dir.A.M.DAMSKI 2.10.47.L.Pr.	Measuring devices & instruments. Latest automatic instruments based on the application of electronics.
"PROLETARI" IZOLYATORNY ZAVOD	LENINGRAD (KALININSKI RAION)	"GLAVELEKTROIZOLYATOR"	Dir.DMITRIEV 16.7.47-23.3.51.L.Pr.	Insulators. (Details available)
"SEVKABEL"	LENINGRAD (SVERDLOVSK RAION)	"GLAVELEKTROKABEL"	Dir.D.V.BYKOV 18.6.49.L.Pr.-28.10.50.L.Pr. Ex-Dir.KOZLOVSKI 1946.	Many types of cables.(Details available)

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Factories	Location	Control	Personalities	Production
ELEKTROLAMPOVY ZAVOD (This factory might not be of Electrical Industry)	LVOV			Electrical bulbs.
"ELEKTROPRIBOR"	LVOV			
No. 315	MEDNOGORSK (CHKALOVSK OBL)			
No. 198	MOSCOW OBL "KHOTKOVO"	"GLAVKABEL"	Dr. L. I. BERSHADSKI	Cables
No. 220	MOSCOW		Dir. A. V. VOLZHENSKI	
No. 330, (?)	MOSCOW OBL. KHOTKOVO (?)			
No. 335	MOSCOW			
No. 339	MOSCOW		Designer I. T. ZUBKOV 4.1.46. V.M.	
No. 374	MOSCOW			
No. 561	MOSCOW			
No. 596	MOSCOW			
No. 615 described as "MASHINO-STROITELNY" ZAVOD or "ELEKTROMASHINO-STROITELNY"	MOSCOW (STALINSKI RAION)		Dir. NAIDENOV 16.4.47- 1.8.48 M.B. Dir. KALYGIN 28.10.48 M.B. (Probably he re-placed Dir. NAIDENOV)	Magnetic Stations /"MAGNITNAYA STANTSIIYA" Electrical machines.
No. 622 "METALLORUKAV"	MOSCOW: addr. RUSAKOVSKOE SHOSSE, GRYAZNAYA UL. No. 16/18		Dir. ANDREEV. 19.10.48. M.B. Ex-Dir. KUPERSHMDT 15.3.48.	
No. 624	MOSCOW		Chief designer S. I. RABINOVICH. 22.1.46 M.B.	Transformers.
No. 683 (probably) "KABELNY" ZAVOD	MOSCOW OBL. PODOLSK	"GLAVKABEL"	Dir. L. Ya. FARBER 1.11.46. MB. -3.11.49. Tr.	Different types of cables. (Details available)
No. 633	MOSCOW			
No. 686 "PROZHEKTORNY"	MOSCOW		Dir. D. M. GOGINAVA 3.11.49 Tr. -11.11.50 K.Pr.	Searchlights.

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Factories	Location	Control	Personalities	Production
No.691 "ELEKTROSVET"	MOSCOW	"GLAVKABEL"	Dir.I.K.SLUTSKI 9.8.42-3.9.47.Tr.	Cables
No.696	MOSCOW		Dir.SERDYUK-1947. Ex-Dir.KOVALCHUK-1949	
No.698	MOSCOW OBL. MYTISHCHI			
No.699(probably identified as "ELEKTROMEKHANICHESKI"	MOSCOW (FRUNZENSKI RAION)		Dir.KYTIN, 26.7.47 MB.	
No.715	MOSCOW OBL. BOLSHOVO		Dir.KASPAROV 29.4.46. Ex-Dir.B.G.VORONIN 27.11.42.Pr.	
No.717 -identified as "ELEKTROIZOLYATSIONYKH" MATERIALOV"	MOSCOW OBL.KHOTKOVO "GLAVELEKTROI- ZOLYATORPROM"		Dir.was N.I.KRESTOV 30.3.46 MB. Transferred to Fact. "DINAMO" 16.3.51.Pr. see below.	Mass pro- duction of "GETENAKS" and "TEKSTOLITE" insulation materials. (Details available)
"DINAMO" i/n KIROV.	MOSCOW LENINSKAYA SLOBODA --(Proletarski raion)	"GLAVELEK- TROTRASMASH"	Dir.N.I.KRESTOV 16.3.51.Pr. Ex-Dir N.A. ORLOVSKI 3.11.46- 17.12.49.M.B.	Different types of Electric locomotives.
"ELEKTROMEKHANI- CHESKI"	MOSCOW		Dir.A.BATALIN. 29.4.47. M.B. 3.8.48.	Control Instruments for clocks and watches.
"FARFOROVYKH IZOLYATOROV" Porcelain insulators (see Fact.IZOLYATOR probably the same Fact).	MOSCOW.		Dir.SHCHUKIN 27.7.46. M.B.	"BUSHING" High tension insulators.
FARFOROVY ZAVOD described as KUZYAEVSKI	MOSCOW		Dir.FILIPPOV. 30.11.49.M.B.	
FARFOROVY ZAVOD described as RECHITSKI	MOSCOW-RAMENSKOE (MOSCOW OBL)		Dir.KOCHIN. 2.3.48.M.B.	
"IZOLIT"	MOSCOW SOKOLNICHESKI RAION		Dir.I.D.SHIKHMAN 24.7.46-15.2.50. M.B.	Insulating materials. (Details available)
"IZOLYATOR"	MOSCOW LENINGRADSKI RAION	"GLAVELEKTROI- ZOLYATORPROM" (?)	Dir.F.M.NEUSTROEV 12.6.47-16.12.49 M.B.	"BUSHING" High tension Insula- tors.(Details available)
KONDENSATORNY ZAVOD.	MOSCOW OBL. SERPUKHOVO		Dir.M.M.MOROZOV 21.4.48 MB-16.3.51.Pr.	High-pressure condensers.
"MOSELEKTRIK"	MOSCOW			
"MOSKABEL"	MOSCOW (PERVOMAIKI		Dir.M.S.KUTSEVOL	Different types

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Factories	Location	Control	Personalities	Production
"NIZKOVOLTNOM APPARATURY" Low-voltage apparatus.	MOSCOW (TIMIRYAZEVS RAION)	"GLAVELEKTRO- APPARAT"	Dir.V.N.ALEKSEEV 12.6.47-22.7.49 M.B.	Low-tension equipment. (De- tails available)
"RENTGENOVSKOI APPARATURY" X-ray apparatus	MOSCOW OBL. KUNTSEVO	"GLAVELEKTROAPPARAT"	Dir.BENSKI 4.3.48- 31.3.49 M.B.	X-ray apparatus.
TRANSFORMATORNY ZAVOD i/n "KUIBYSHEV" (One of three fact. which to- gether are known unofficially as "ELEKTROZAVOD"	MOSCOW (STALINSKI RAION)	"GLAVELEKTROMASH"	Dir.N.S.ALESHIN 22.6.48 MB -26.1.49	Transformers (Details Izv. available)
i/n "VLADIMIR ILICH" No.70 Ex.Fact. GONPER and MIKHELSON 3.8.47 MB	MOSCOW (MOSKVORETSKI RAION)		Dir.M.S.ZAVRAZHOV 26.1.49 Izv.-28.12.49.MB Ex-Dir.G.A.PRIGULSKI 11.4.46. M.B.	Electric motors (Details available)
i/n "YABLOCHKOVA"	MOSCOW		Dir.I.A.SLUTSKI 26.1.49. Izv.	
No.618	NAMANGAN		Dir.I.L.ERISTOV 6.2.44 VVS	
ELEKTROVOZNY ZAVOD i/n "BUDENNY"	NOVOCHERKASSK (ROSTOV OBL)		Dir.BATSHEV	Electric locomotives.
No.644	NOVOSIBIRSK		Dir.TRIFONOV.6.5.47.	Transformers.
No.687 -Electrical Machinery construction works.	NOVOUTKINSK (Workers village) SVERDLOVSKI OBL.			Mass production of welding tools Trade mark "ULSK"
No.634	OMSK	"GLAVELEKTROMASH"	Dir.KOTLYAREVSKI 30.1.47.	
"ELEKTROIZMERITEL- NYKH PRIBOROV				
i/n "KARL MARKS"	PERVOMAISK VOROSHILOVGRAD OBL.			Electrical equipment.
No.675	PETROPAVLOVSK	"GLAVELEKTROAPPARAT"	Ex- Dir.I.A.FILIMONOV 16.7.45. Dir.S.E.KUZIN. 1947.	Motors.
No.651	PROKOPIEVSK (KEMEROVSK OBL)			Motors.
ELEKTROREMONTNY	ROSTOV			
ELEKTROLAMPOVY	RYAZAN			
No.659	SVERDLOVSK	U.S. OFFICIALS ONLY	Dir.V.I.ABAKUMOV	Transformers.

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Factories	Location	Control	Personalities	Production
No.694	SVERDLOVSK	"GLAVKABEL"	Dir.MENDLIN	Cables.
No.8- ELEKTROREMONTNY	TASHKENT			
No.682 "ELEKTROKABEL"	TASHKENT (KULBYSHEVSK. RATION)	"GLAVKABEL"	Dir.K.F.SAFONOV 9.1.49-8.6.51.Pr.V.	Cables. (Details available)
ELEKTROTEKHNICHESKI	TASHKENT	"GLAVELEKTROAPPARAT"		
"TRANSSIGNAL"	TASHKENT			
No.631	TOMSK	"GLAVKABEL"	Dir.P.G.KOROLEV	Cables.
No.653-Probably now described as "ELEKTRO- MOTORNY"	TOMSK		Dir.N.A.BYKOV	Motors.
No.690	TOMSK			
"KABELNY"ZAVOD	TOMSK			
No.598	UFA			
No.656	UFA			
No.680	UFA	"GLAVKABEL"	Dir.TUIGUNOV. 15.10.46.	Cables.
No.697	UFA		Dir.SOBENIN 17.2.46. Tr.	
No.650	ULIYANOVSK Ex- SIMBIRSK		Dir.SHURIN ?	
No.655	YAROSLAVSK OBL. VSPOLIE			
"ELEKTROISKRA" ELEKTROMEKHANICHESKI also described as ELEKTROMASHINOSTROITELNY	YAROSLAVL			Motors and other electrical machinery.
DNEPROPETROVSKI ELEKTRODNY ZAVOD	ZAPOROZHIE		Dir.GONCHARENKO	

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List of Factories of Baltic Republics belonging or possibly belonging to the

Ministry of Electrical Industry.

Factories	Location	Control	Personalities	Production
				50X1-HUM
"ELEKTRON" ELEKTROMEKHANICHESKI	RIGA - LATVIA	Electrical Ind.	Dir.KUKKE.23.5.47.SL	
"REZ" -Electro- mechan.works. Ex-Faot" "PROVODNIK"	RIGA "	"	Dir.BUNIN	"APU-10" type machines.
"VES" Electrical Works.	RIGA "	"		
"EESTI KAABEL" Cable Works	TALLINN(ESTONIA)	"		Cables
"IKA"	" "	"		Torches and Batteries.
"VOLTA"	" "	"	Dir.KHEIL or KHEILYA 17.6.50.S.E. Ex-Dir.I.VERDA 25.1.47-16.7.48 S.E.	Electric motors.
"ELEKTRIT"	VILNIUS-LITHUANIA	"		
"ELFA" Electro- Technical works	VILNIUS-LITHUANIA	"		"LITVA" type motors.

Abbreviations used for Titles of Newspapers.

Izv	=	Izvestiya
K.A.	=	Kommunist Armenii
K.Pr.	=	Komsomolskaya Pravda
L.Pr.	=	Leningradskaya Pravda
M.B.	=	Moskovski Bolshevik
Pr.	=	Pravda
Pr.Ukr.	=	Pravda Ukrainy
P.V.	=	Pravda Vostoka
S.L.	=	Sovetskaya Latvija
S.E.	=	Sovetskaya Estoniya
Tr.	=	Trud
V.V.S.	=	Vedomosti Verkhovnogo Soveta

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